Application/Control No.	Applicant(s)/Patent Under Reexamination
10053535	CHOI ET AL.
Examiner	Art Unit
Choi, Frank I	1616

✓	Rejected	•	Cancelled
=	Allowed	÷	Restricted

N	Non-Elected
ı	Interference

Α	Appeal
0	Objected

CL						DATE			
			DATE	ı					
Final	Original	11/27/2006	05/27/2008	10/01/2009					
	1	-	-	-					
	2	-	-	-					
	3	-	-	-					
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	17	-	-	-					
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	22	-	-	-					
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	25	-	-	-					
	26	-	-	-					
	27	-	-	-					
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	31	-	-	-				 	+
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	33	_	_	-				<u> </u>	
	34	_	_	-				+	
	35	_	_	_			-	+	+

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CLAIM		CLAIM DATE								
Final	Original	11/27/2006	05/27/2008	10/01/2009						1
inai	37	-	-	-						
	38	_	_	_						
	39	_	-	-						
	40	_	_	_						
	41	-	-	-						
	42	_	-	-						
1	43	 	√	=						
2	44	· ·	√ ·	=						
3	45	· ·	√ ·	=						
4	46	· ·	·	=						
5	47	· ·	·	=						
	48	-	-	-						
	49	_	_	_						
6	50	 	√	=						
	51	-	-	_						
	52	-	-	-						
	53		=	_						
7	54	· ·	=	=						
8	55	· ·	=	=						
9	56	· ·	<u>-</u> ✓	=						
10	57	· ·	· ·	=						
11	58	\ \ \ \ \	→	=						
12	59	\ \ \ \ \	→	=						
12	60	-	-	-						
	61	+		-						
13	62	- ✓	- ✓	=						
14	63	V ✓	∨	=						-
15	64	V ✓	∨	=						
		V /	∨	=						
16 17	65 66	√	∨	=						
	67	V ✓	∨							
18		V V	✓	=						
19	68	√	✓ ✓	=						
20	69	✓	✓ ✓	=						-
21	70	✓	✓ ✓	=						

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0	Objected

CL	AIM	DATE								
Final	Original	11/27/2006	05/27/2008	10/01/2009			<u> </u>			Т
24	73	TTZTTZ000	<i>√</i>	=						+
25	74	· ·	· ✓	=						+
26	75	· ·	· ✓	=						
27	76	· ·	· ✓	=						
28	77	· ·	√ ·	=						
29	78	· ·	· ✓	=						
23	79	N	N	_						+
	80	N	N	_						+
	81	N	N	-						1
	82	N	N	-						1
	83	N	N	-						
	84	N	N	-						-
	85	N	N	<u>-</u>						
	86	N	N	-						+
	87	N	N	-						+
	88	N	N							+
30	89	IN V	IN ✓	- =						-
30	90	+								-
	_	-	-	-						-
	91	-	-	-						-
	92	-	-	-						
	93	-	-	-						-
		-	-	-						-
	95	-	-	-						-
31	96	√	√	=						1
32	97	√	√	=						-
	98	✓ ✓	=	-						-
	99	-	=	-						1
	100	-		-						-
	101	-	✓	-						-
	102	✓	=	-						
	103	√	=	-						1
	104	√	=	-						
33	105	√	✓	=						
	106	✓	=	-						

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Α	Appeal
0	Objected

CLAIM		CLAIM DATE								
Final	Original	11/27/2006	05/27/2008	10/01/2009						
35	109	√ ×	√	=						
	110	 	=	_						
36	111	 	√	=						
	112	 	=	_						
	113	√	=	-						
	114	√	=	-						
37	115	√	√	=						
	116	√	_	_						
	117	√	-	_						
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	120	√	=	-						
	121	√	=	-						
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41	124	√	√	=						
	125	√	=	-						
42	126	√	=	= 1						
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	129	√	=	-						
45	130	√	=	=						
46	131	✓	=	=						
47	132	√	√	=						
	133	√	=	- 1						
48	134	√	=	=						
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52	139	√	=	=						
53	140	√	✓	=						
	141	√	√	- 1						
	142	✓	√	-						
	143	 	√	_					1	

Applicant(s)/Patent Under Reexamination
CHOI ET AL.
Art Unit
1616

✓	Rejected	-	Cancelled
=	Allowed	÷	Restricted

Z	Non-Elected	Α
_	Interference	0

Α	Appeal
0	Objected

	renumbered	1	<u> </u>						
CL	AIM				DAT	ΓΕ			
Final	Original	11/27/2006	05/27/2008	10/01/2009					
	145	✓	✓	-					
	146	✓	✓	-					
	147	√	✓	-					
	148	✓	✓	-					
	149	✓	✓	-					
	150	✓	✓	-					
	151	✓	✓	-					
	152	✓	✓	-					
	153	✓	✓	-					
	154	✓	✓	-					
	155	√	✓	-					
	156	✓	✓	-					
	157	✓	✓	-					
	158	✓	✓	-					
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56	161			=					
57	162			=					
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72	177			=					
73	178			=					
74	179			=					
75	180			=					

	Application/Control No.	Applicant(s)/Patent Under Reexamination
Index of Claims	10053535	CHOI ET AL.
	Examiner	Art Unit
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✓	Rejected	-	- Cancelled N Non-Elected				Appeal		
=	Allowed	÷	Restricted	I	Interference	О	Objected		
	☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47								

☑ Claims ı	enumbered	in the same	order as pro		□ СРА	□ т.с).	R.1.47		
CLA	CLAIM DATE									
Final	Original	11/27/2006	05/27/2008	10/01/2009						
76	181			=						
77	182			=						
78	183			=						
79	184			=						

U.S. Patent and Trademark Office Part of Paper No.: 20091001